

**ORDINANCE No. \_\_\_\_\_**

**AN ORDINANCE DESIGNATED AS CHAPTER 15.09 OF THE LEHI CITY MUNICIPAL CODE – REQUIREMENTS FOR AN AUTOMATIC FIRE SPRINKLER SYSTEM IN RESIDENTIAL CONSTRUCTION**

**WHEREAS**, the City of Lehi finds that to provide adequate fire protection to its residents and additional safety to its firefighters, certain requirements for fire protection need to be adopted by the City Council; and

**WHEREAS**, the City of Lehi finds that in the interest of public health, welfare and safety, it establishes specific standards for fire protection in certain residential structures.

**WHEREAS**, the City of Lehi desiring to be consistent with the adopted statutes of the State of Utah, establish specific requirements that automatic fire sprinklers shall be installed in certain structures built in accordance with the requirements of the International Residential Code.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF LEHI, STATE OF UTAH, AS FOLLOWS:**

**SECTION I**

This ordinance shall be designated as Chapter 15.09 of the Lehi City Municipal Code and shall be entitled REQUIREMENTS FOR AUTOMATIC FIRE SPRINKLER SYSTEMS IN RESIDENTIAL CONSTRUCTION.

**SECTION II**

**Chapter 15.09**

**SECTION**

**15.09.010 REQUIREMENTS FOR AUTOMATIC FIRE SPRINKLER SYSTEMS IN RESIDENTIAL CONSTRUCTION.** The City of Lehi hereby finds and determines that under certain conditions, an automatic fire sprinkler system shall be installed in structures built in accordance with the requirements of the International Residential Code, as adopted in the State Construction Code when any of the following sections apply.

**A.** The structure is located in an urban-wildland interface area as provided in the Utah Wildland Urban Interface Code adopted as a construction code under the State Construction Code; and does not meet the requirements described in Utah Code, Subsection 65A-8-203(3)(a) and Utah Administrative Code, R652-122-200, Minimum Standards for Wildland Fire Ordinance.

- B.** The structure is in an area where a public water distribution system with fire hydrants does not exist as required in Utah Administrative Code, R309-550-5, Water Main Design.
- C.** The only fire apparatus access road has a grade greater than 10% for more than 500 continual feet.
- D.** The water supply to the structure does not provide at least 500 gallons fire flow per minute for a minimum of 30 minutes, if the total square foot living space of the structure is equal to or less than 5,000 square feet.
- E.** The water supply to the structure does not provide at least 750 gallons per minute fire flow for a minimum of 30 minutes, if the total square foot living space exceeds 5,000 square feet, but is equal to or less than 10,000 square feet.
- F.** The water supply to the structure does not provide at least 1,000 gallons per minute fire flow for a minimum of 30 minutes, if the total square foot living space exceeds 10,000 square feet.

### SECTION III

This Ordinance shall become effective immediately upon its approval and passage by the City Council and subsequent publication as required by law.

**PASSED AND ADOPTED by the City Council this \_\_\_\_\_ day of \_\_\_\_\_, 2010.**

\_\_\_\_\_  
**BERT M. WILSON, Mayor**

**ATTEST:**

\_\_\_\_\_  
CONNIE J. ASHTON, City Recorder